

SAFETY DATA SHEET

REV: 00 DATE: 27 SEPTEMBER2016

SILICONE OIL

1. Product & Company Identification

Product Details

Product name: Silicone Oil
Physical form: Liquid
Other name: None

Company Details

Manufacturer:
Address:

Tel:
Fax:

2. Hazards Identification

Hazard Pictogram

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Signal Word: none

Classification

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Hazard Statement

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Precautionary Statement – Prevention

No precautionary statement

Precautionary Statement – Response

No precautionary statement

Precautionary Statement – Storage

No precautionary statement

Precautionary Statement – Disposal

No precautionary statement

3. Composition / Hazardous Components

INGREDIENT	CAS No.	%Weight
Polydimethylsiloxane	63148-62-9	100

4. First-aid Measures

Take off all contaminated clothing immediately.

In case of ingestion: Seek medical advice immediately.

In case of skin contact: Wipe with paper towel and immediately clean with water and soap.

In case of eyes contact: Immediately flush with water, seek medical advice if necessary.

In case of inhaled: Remove to fresh air. Get medical attention if symptoms occur.

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5. Fire Fighting Measures

Suitable extinguishing media:	All standard fire-fighting media.
Unsuitable extinguishing media:	Unknown
Hazardous decomposition:	Carbon oxides, silicone oxides, formaldehyde.

6. Accidental release measures

Methods for cleaning up:	Soak up with inert adsorbent material.
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7. Handling and Storage

Handling:	Avoid contact with eyes and skin. Ensure good ventilation during processing. Wear safety shoes.
Protection against fire/explosion:	General rules of fire prevention should be observed.
Storage:	Keep container tightly closed and dry.

8. Exposure control / Personal protection

Ingredients with limited values to be controlled:	Not indicated.
Local exhaust:	Recommended
General ventilation:	Recommended
Hand protection:	Suitable protective gloves.
Eye protection:	Safety/protective glasses.
Flammability:	Combustible

9. Physical and Chemical Properties

Form:	Liquid
Relative density:	0.97
Colour:	Colourless
Viscosity:	1000 cSt
Odour:	Characteristic
Volatile, % volume (25°C):	< 10%
Solubility in water:	No data available
Boiling point:	>65 °C
Flash point:	>120 °C (closed cup)
Ignition temperature:	Not Applicable

Note: the above information is not intended for use in preparing specification.

10. Stability and Reactivity

Chemical stability:	Stable
Incompatibility (material to be avoid):	Oxidizing agents
Conditions to be avoid:	None known.

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Dangerous reactions:	Can react with strong oxidizing reaction. When heated above 150°C in present of air, trace quantity of formaldehyde may be released. Hazardous decomposition will formed at elevated temperatures.
Dangerous products of decomposition:	Carbon oxides, silicone oxides, formaldehyde

11. Toxicological Information

Acute toxicity:	Not classified base on available information
Skin corrosion/irritation effect:	Not classified base on available information
Serious eye damage/eye irritation:	Not classified base on available information
Respiratory or skin Sensitization:	Not classified base on available information
Germ cell mutagenicity :	Not classified base on available information
Carcinogenicity:	Not classified base on available information
Reproductive toxicity:	Not classified base on available information
Aspiration toxicity:	Not classified base on available information

12. Ecological Information

Ecotoxicity	
Toxicity to daphnia or other aquatic invertebrates:	EC50 (Daphnia magna(water flea)):>200mg/l Exposure time:48 h Remark: No toxicity at the limit of solubility
Persistence and degradability:	No data available
Bioaccumulative potential:	No data available
Mobility in soil:	No data available
Other adverse effects:	No data available

13. Disposal considerations

Disposal of waste to be in accordance with Environmental Quality(Scheduled Wastes) Regulation and other guidelines issuance by DOE and /or other local authorities.

14. Transport Information

Proper shipping name:	Silicone OIL
UNRTDG:	Not regulated as a dangerous good
IATA-DGR:	Not regulated as a dangerous good
IMCD-Code	Not regulated as a dangerous good
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:	Not applicable for product as supplied.

15. Regulatory Information

Safety, health, and environmental regulations specific for hazardous chemicals.
Occupational Safety and Health(Classification, Labelling and Safety Data Sheet of Hazardous Chemical) Regulation 2013
Occupational Safety and Health(Use and Standard of Exposure of Chemical Hazardous to Health) Regulation 2013

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16. Other Information

These data are offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific content of the intended use and determine whether they are appropriate.

*** End Of SDS ***